

AMENDMENTS TO THE CLAIMS

Please cancel claims 1-4 and add new claims 5-9.

Claims 1-4 (Canceled)

Claim 5 (New): An acceleration sensor comprising:

a mounting board having a top surface and a stopper formed on the top surface,
wherein the stopper is projected from the top surface; and
a sensor chip mounted on the top surface of the mounting board, the sensor chip
including a weight having a bottom surface which faces to the mounting board, a frame,
and a beam which connects the weight to the frame, wherein the bottom surface of the
weight faces to the stopper.

Claim 6 (New): The acceleration sensor of claim 5, wherein the sensor chip is
bonded to the top surface of the mounting board by a bonding resin.

Claim 7 (New): The acceleration sensor of claim 5, wherein the sensor chip does

not cover an entire top surface of the mounting board.

Claim 8 (New): An acceleration sensor comprising:

a mounting board having a top surface; and

a sensor chip mounted on the top surface of the mounting board, the sensor chip

including a weight having a bottom surface which faces to the top surface of the mounting

board, a frame, and a beam which connects the weight to the frame;

wherein the bottom surface of the weight comprises at least one stopper projected

from the bottom surface.

Claim 9 (New): The acceleration sensor of claim 8, wherein the at least one stopper is generally pyramidal or conical.